

**Remarks**

Claims 91-139 were pending. Claims 94 and 98-139 were canceled as being drawn to a non-elected invention. Therefore, claims 91-93 and 95-97 are currently pending in the instant application.

Claims 95-97 were amended to remove non-elected matter. No new matter has been added.

***Response to Restriction Requirement Under 35 U.S.C. § 121***

The Examiner has required restriction between the following inventions under 35 U.S.C. §121:

Group I: Claims 91-93 and 95-97, drawn to a method for metabolomically facilitating the diagnosis of a nervous system disorder, classified in class 514, subclass 2.

Group II: Claims 94-97 and 125-139, drawn to a method for metabolomically monitoring the effectiveness of a therapeutic agent in clinical trials, classified in class 424, subclass 2.

Group III: Claims 98-109, drawn to a method for generating a small molecule profile of a cellular compartment, classified in class 359, subclass 900.

Group IV: Claim 110, drawn to disease relevant small molecules, classified in class 514, subclass 2.

Group V: Claims 111-115, drawn to a method for identifying small molecules regulated modulated or associated with a gene, classified in class 435, subclass 287.2.

Group VI: Claims 116-118, drawn to a method for identifying potential cell drug targets, classified in class 424, subclass 2.

Group VII: Claim 119, drawn to cellular components, classified in class 359, subclass 900.

Group VIII: Claims 120-122, drawn to a library of small molecules of a cellular compartment of a cell, classified in class 359, subclass 900.

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Group IX: Claim 123, drawn to a method for determining whether small molecule profiles are from the same individual, classified in class 435, subclass 287.1.

Group X: Claim 124, drawn to a pharmaceutical composition, classified in class, subclass.

Accordingly, Applicants hereby elect Group I, claims 91-93 and 95-97 drawn to a method for metabolomically facilitating the diagnosis of a nervous system disorder, classified in class 514, subclass 2 for continued examination without traverse.

### SUMMARY

Applicants believe that no fee is due with this statement. However, if a fee is due, please charge our deposit account No. 12-0080, under order number MBZ-001CP from which the undersigned is authorized to draw.

It is respectfully submitted that this application is in condition for allowance. If there are any remaining issues or the Examiner believes that a telephone conversation with Applicants' attorney would be helpful in expediting the prosecution of this application, the Examiner is invited to call the undersigned at (617) 227-7400.

Dated: June 16, 2006

Respectfully submitted,

By 

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